

Programming Languages and Data Access Methods							February 2022					
Manufacturer	Programming Language Name	Version	Current Classification	General Availability	Projected	Approved	Divest: Plan	Divest: Execution	Prohibited	Vendor End of Support	References	Notes
Oracle	PL/SQL	All versions	Approved	1995							<a href="https://en.wikipedia.org/wiki/PL/SQL">https://en.wikipedia.org/wiki/PL/SQL</a>	Oracle: <a href="https://www.oracletutorial.com/plsql-tutorial/what-is-plsql/">https://www.oracletutorial.com/plsql-tutorial/what-is-plsql/</a> Tech on the Net: <a href="https://www.techonthenet.com/oracle/index.php">https://www.techonthenet.com/oracle/index.php</a>
Oracle	Java	26 (LTS)	Projected		2027						<a href="https://endoflife.date/java">https://endoflife.date/java</a>	<a href="https://en.wikipedia.org/wiki/Java_(programming_language)">https://en.wikipedia.org/wiki/Java_(programming_language)</a>
		20 (LTS)	Projected		2024						<a href="https://endoflife.date/java">https://endoflife.date/java</a>	<a href="https://en.wikipedia.org/wiki/Java_(programming_language)">https://en.wikipedia.org/wiki/Java_(programming_language)</a>
		21	Skipped		9/22/2023							Note: Tracking N and N-1 to LTS versions only while skipping all other version between LTS versions.
		20	Skipped		3/22/2023							
		19	Skipped		9/22/2022							
		18	Skipped		3/22/2022							
		17 (LTS)	Approved	9/14/2021	N	12/31/2021	9/30/2025	9/30/2026	9/30/2027	9/30/2031	<a href="https://endoflife.date/java">https://endoflife.date/java</a>	Java, as developed by the OpenJDK Project, which is owned and primarily employed by Oracle, has been on a 6-month rapid-release cycle since the release of Java 10. Starting with Java 11, new LTS releases occur every six releases, or three years. Java 8 is the last release on the old cycle methodology still in active support. Non-LTS releases are supported for 6 months. The latest supported release in each release cycle can be found at <a href="https://www.oracle.com/java/technologies/java-se-glance.html">https://www.oracle.com/java/technologies/java-se-glance.html</a> .
		16	Skipped	3/16/2021					Prohibited 9/30/2021	9/30/2021		Note: Tracking N and N-1 to LTS versions only while skipping all other version between LTS versions.
		15	Skipped	9/16/2020					Prohibited 3/31/2021	3/31/2021		
		14	Skipped	3/17/2020					Prohibited 9/30/2021	9/30/2020		
		13	Skipped	9/17/2019					Prohibited 3/31/2021	3/31/2021		
		12	Skipped	3/19/2019					Prohibited 9/30/2019	9/30/2019		
		11 (LTS)	Approved	9/25/2018	N-1	3/31/2019	9/30/2023	9/30/2024	9/30/2025	9/30/2026	<a href="https://endoflife.date/java">https://endoflife.date/java</a>	Java, as developed by the OpenJDK Project, which is owned and primarily employed by Oracle, has been on a 6-month rapid-release cycle since the release of Java 10. Starting with Java 11, new LTS releases occur every six releases, or three years. Java 8 is the last release on the old cycle methodology still in active support. Non-LTS releases are supported for 6 months. The latest supported release in each release cycle can be found at <a href="https://www.oracle.com/java/technologies/java-se-glance.html">https://www.oracle.com/java/technologies/java-se-glance.html</a> .
		10	Skipped	3/20/2018					Prohibited 9/25/2018	9/25/2018		Note: Tracking N and N-1 to LTS versions only while skipping all other version between LTS versions.
		9	Skipped	9/21/2017					Prohibited 3/20/2018	3/20/2018		
		8 (LTS)	Divest Execution	3/18/2014				3/31/2021	3/31/2022	3/31/2025	<a href="https://endoflife.date/java">https://endoflife.date/java</a>	Java, as developed by the OpenJDK Project, which is owned and primarily employed by Oracle, has been on a 6-month rapid-release cycle since the release of Java 10. Starting with Java 11, new LTS releases occur every six releases, or three years. Java 8 is the last release on the old cycle methodology still in active support. Non-LTS releases are supported for 6 months. The latest supported release in each release cycle can be found at <a href="https://www.oracle.com/java/technologies/java-se-glance.html">https://www.oracle.com/java/technologies/java-se-glance.html</a> .
		7 and earlier	Prohibited	7/7/2011					Prohibited Jul-31-2019	7/31/2019		First version GA May 1995 from Sun Microsystems. <a href="https://en.wikipedia.org/wiki/Java_(programming_language)">https://en.wikipedia.org/wiki/Java_(programming_language)</a>

CII Honewell Bull	Ada	2012	Prohibited	2012							<a href="https://en.wikipedia.org/wiki/Ada_(programming_language)">https://en.wikipedia.org/wiki/Ada_(programming_language)</a>	<a href="https://en.wikipedia.org/wiki/Groupe_Bull">https://en.wikipedia.org/wiki/Groupe_Bull</a> <a href="https://curlie.org/Computers/Programming/Languages/Ada">https://curlie.org/Computers/Programming/Languages/Ada</a>
Association for Computing Machinery (ACM)	ALGOL	DG/L	Prohibited	1972							<a href="https://en.wikipedia.org/wiki/ALGOL">https://en.wikipedia.org/wiki/ALGOL</a>	
IBM	APL	APL2	Prohibited	1984							<a href="https://en.wikipedia.org/wiki/APL_(programming_language)">https://en.wikipedia.org/wiki/APL_(programming_language)</a>	
IBM	Assembler	BAL	Prohibited	1964							<a href="https://en.wikipedia.org/wiki/IBM_Basic_Assembly_Language_and_successors">https://en.wikipedia.org/wiki/IBM_Basic_Assembly_Language_and_successors</a>	



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	xBase		Prohibited								<a href="https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components">https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components</a>	<a href="https://en.wikipedia.org/wiki/Access_method">https://en.wikipedia.org/wiki/Access_method</a>
	Paradox		Prohibited								<a href="https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components">https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components</a>	<a href="https://en.wikipedia.org/wiki/Access_method">https://en.wikipedia.org/wiki/Access_method</a>
	Hierarchical Database Access	All	Prohibited								<a href="https://en.wikipedia.org/wiki/Access_method">https://en.wikipedia.org/wiki/Access_method</a>	e.g. HSAM, HISAM, HIDAM, HDAM, PHDAM, SHSAM, SHISAM, etc.
	Network Database Access	All	Prohibited								<a href="https://en.wikipedia.org/wiki/Access_method">https://en.wikipedia.org/wiki/Access_method</a>	e.g. BTAM, QTAM, TCAM, VTAM, etc.
	Non-security patch updated data access	All	Prohibited								<a href="https://en.wikipedia.org/wiki/Access_method">https://en.wikipedia.org/wiki/Access_method</a>	All data access methods and versions without security patching

The following represents COV **programming language classifications** per Enterprise Technical Architecture (ETA): Legacy Information Technology (IT) Solutions and KSE-CMDB and/or Archer research.

<https://www.vita.virginia.gov/media/vitavirginiagov/it-governance/ea/pdf/Legacy-IT-Solutions-Topic-Report.pdf>

Key	Description
	Emerging
	Projected
	Approved
	Divest: Plan
	Divest: Execute
	Prohibited
	Skipped